

ENVIRONMENTAL STUDIES, PROFICIENCY AWARD

Environmental Science is a multidisciplinary field integrating topics from the geosciences, physical sciences, biological sciences, and public policy (including economic, legal, and social aspects) as they pertain to understanding working of the earth's ecosystems and the interplay of humans within those systems.

Transfer requirements may differ. See counselor or consult assist.org

| Course ID | Title | Units/ Hours |
|--|--|-----------------|
| REQUIRED COURSES: | | |
| ESRM V01/BIOL V10 | Introduction to Environmental Issues | 3 |
| ESRM V02 | Introduction to Environmental Science | 3 |
| ESRM V03/POLS V12 | Introduction to Environmental Policy and Natural Resource Management | 3 |
| REQUIRED ADDITIONAL COURSES: | | |
| Select two (2) of the following courses: | | |
| AG V04 | Introduction to Soil Science | 3 |
| BIOL V01 | Principles of Biology | 3 |
| BIOL V29 | Marine Biology | 3 |
| CHEM V01A | General Chemistry I | 3 |
| ESRM V10 | Environmental Ecology | 3 |
| ESRM V14 | Conservation of Natural Resources | 3 |
| GEOG V01 | Elements of Physical Geography | 3 |
| GEOG V05 | Introduction to Weather and Climate | 3 |
| GEOL V02 | Physical Geology | 3 |
| GEOL V11 | Introduction to Oceanography | 3 |
| May select one (1) of the following courses as part of the two (2) courses additionally required: | | |
| GEOG V02 | Introduction to Human Geography | 3 |
| GEOG V08 | World Regional Geography | 3 |
| GIS/GEOG V22 | Fundamentals of Mapping and Geographic Information Systems | 3 |
| GIS/GEOG V26 | Introduction to Geographic Information Systems Software | 2 |
| POLS V14 | Global Studies | 3 |
| SOC V02 | Social Problems | 3 |
| TOTAL | | 14–15 |

Year 1

| Fall Semester | | Units/Hours |
|------------------------|--|-------------|
| ESRM V01/BIOL V10 | Introduction to Environmental Issues | 3 |
| ESRM V02 | Introduction to Environmental Science | 3 |
| GIS/GEOG V22 | Fundamentals of Mapping and Geographic Information Systems | 3 |
| Units/Hours | | 9 |
| Spring Semester | | |
| ESRM V03/POLS V12 | Introduction to Environmental Policy and Natural Resource Management | 3 |

| | | |
|--------------------------|-----------------------------------|-----------|
| ESRM V14 | Conservation of Natural Resources | 3 |
| Units/Hours | | 6 |
| Total Units/Hours | | 15 |

Note: GIS V22/GEOG V22 and ESRM V14 are examples of **Required Additional Courses**.

Upon successful completion of this program, students will be able to:

- Integrate the core environmental concepts of sustainability, environmental capital/services, and globalization into an understanding of human-environmental interactions that take place on our planet.
- List the general scientific topics and methods that are used to understand the impact of human activities on the environment and the interaction of various environmental systems.
- Demonstrate knowledge of the roles of societal and political organizations in environmental policy-making, regulation, compliance, and enforcement.